

CLAIM:

1. A bicycle rack adapted to be fitted on an elongate support frame for holding a bicycle by its wheel in an upright position on a bicycle support surface, the rack comprising:

5 a bracket adapted to be fitted on the elongate support frame;  
a brace including a lower brace member coupled to and extending outwardly from said bracket and an upper brace member coupled to and extending upwardly from said bracket, said brace being adapted such that the wheel of the bicycle can be rolled along the bicycle support surface directly into  
10 said lower brace member for holding the bicycle in an upright position on the bicycle support surface.

2. The bicycle rack of claim 1 wherein said bracket is a hollow sleeve which is slidably fitted onto the elongate support frame.

3. The bicycle rack of claim 2 wherein said hollow sleeve is  
15 rectangularly shaped and slidably fitted onto an elongate rectangularly shaped support frame.

4. The bicycle rack of claim 1 wherein said bracket includes a top face and inner and outer faces, said lower brace member being coupled to and extending generally outwardly from said top face of said bracket in spaced  
20 and parallel relation to the bicycle support surface.

5. The bicycle rack of claim 1 wherein said lower brace member includes a pair of spaced-apart arms terminating in a downwardly extending generally U-shaped lip including a closed end adapted to abut the bicycle support surface and being adapted such that a bicycle wheel can be rolled  
25 over said closed end of said lip and between said arms.

6. The bicycle rack of claim 1 wherein said bracket includes a top face and inner and outer faces, said upper brace member being coupled to and extending generally upwardly from the outer face of said bracket.

7. The bicycle rack of claim 1 wherein said upper brace member includes a pair of spaced-apart arms, the bicycle wheel being received between said arms.

5 8. The bicycle rack of claim 7 wherein said upper brace member includes a proximal portion where said arms are bent inwardly at an acute angle relative to said bracket and a distal portion unitary with said proximal portion where said arms are bent outwardly at an obtuse angle relative to said proximal portion.

10 9. The bicycle rack of claim 1 wherein said upper brace member includes a pair of spaced-apart arms coupled to and extending generally upwardly from said bracket, said upper brace member including a proximal portion where said arms are bent inwardly at an acute angle relative to said support frame and a distal portion unitary with said proximal portion where said arms are bent downwardly at an acute angle relative to said proximal portion,  
15 said arms terminating in a generally U-shaped lip which abuts the lip of said lower brace member, the bicycle wheel being rolled through the lips of said upper and lower brace members and between said arms of said upper and lower brace members respectively.

20 10. The bicycle rack of claim 1 further comprising a fastener extending through said bracket and into the support frame for releasably securing said bicycle rack to the support frame.

11. A bicycle rack comprising:  
a rotatable lower brace including a pair of spaced arms  
coupled to and extending generally outwardly from a support member in spaced  
25 relation to a bicycle support surface, said arms terminating in a unitary downwardly extending lip adapted relationship with the bicycle support surface;  
and

an upper brace in alignment with said lower brace and  
including a pair of spaced arms coupled to and extending generally upwardly  
30 from the support member, said upper brace including a proximal portion where

said arms are bent inwardly at an acute angle relative to said support member and a distal portion unitary with said proximal portion where said arms are bent outwardly at an obtuse angle relative to said proximal portion;

whereby a bicycle wheel is rolled through said lip of said  
5 lower brace and between said arms of said lower brace and said upper brace respectively for holding the bicycle in an upright position relative to the bicycle support surface.

12. The bicycle rack of claim 11 wherein said arms of said  
lower brace extend parallel to the bicycle support surface and said lip on said  
10 lower brace terminates in a generally U-shaped closed end abutting the bicycle support surface, the bicycle wheel being rolled over said closed end of said lip.

13. The bicycle rack of claim 11 wherein said arms of said  
lower brace and said upper brace are made of a molded tubular plastic material.

14. A rack for holding a bicycle by its front or back wheel in an  
15 upright position on a floor and adapted to be fitted on an elongate support frame seated on the floor, the rack comprising:

a hollow sleeve adapted to be fitted on the elongate support  
frame seated on the floor, said sleeve including a top face and an outer face;

a lower brace including a pair of spaced-apart arms  
20 including proximal ends coupled to and extending generally outwardly from said sleeve in spaced relation to the floor and terminating in a downwardly extending lip including a closed end adapted to abut the floor, the lower brace being rotatable along a horizontal plane relative to the bracket; and

an upper brace including a pair of spaced-apart arms in  
25 alignment with the pair of arms respectively of said lower brace, said arms of said upper brace including proximal ends coupled to the outer face of said sleeve and extending generally upwardly from said sleeve and terminating in a closed end;

whereby the front or back wheel of the bicycle is adapted to  
30 be rolled along the floor directly through said lip of said lower brace and between

said arms of said lower brace and said upper brace respectively for holding the bicycle in an upright position relative to the floor.

15. The rack of claim 14 wherein said upper brace includes a proximal portion where said arms extend inwardly at an acute angle relative to said sleeve and a unitary distal portion where said arms of said upper brace  
5 extend outwardly at an obtuse angle relative to said proximal portion.

16. The rack of claim 14 wherein said sleeve is rectangularly shaped and is fitted around a rectangularly shaped support frame.

17. The rack of claim 1 wherein the lower brace member is  
10 rotatable along a horizontal plane relative to the bracket.